

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION	
Project Title: Bill Williams River Catchment Rehab	Project No. 09-311
Region/GMU: 3/16A	HPC:
Project Type: Water development (repair)	
Project Description: This water catchment in the Bill Williams Mountains needs to be repaired in order to be in full working capacity. The water collection pipeline needs to be changed from 1 ¼ to 3 inches. The current collection pipeline is too small in diameter to prevent it from getting plugged with silt. The area behind the gabian water collection needs to be cleaned out because it has filled with silt. Once this is completed, the catchment will need to be filled to determine if it is leaking.	
Wildlife Species to Benefit: Bighorn Sheep, Mule deer, javelina, quail, dove	
Possible Funding Partners: ADBSS and AZ Game and Fish	
Implementation Schedule: Beginning: Completed:	NEPA Compliance: (if applicable) Completed: Yes <u> X </u> No <u> </u> Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$20,060	
Cost Share Funds: \$	
Total Project Costs: \$20,060	
PARTICIPANT INFORMATION	
Applicant: Lainie Antolik (please print) Telephone: 928-718-4040	Address: 5325 N. Stockton Hill Rd. Kingman, AZ 86409
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Joe Currie, ADBSS, BLM and Lainie Antolik	Date: May 18, 2009
Applicant's signature: Lainie Antolik	Date: July 1, 2009

SEND COMPLETED APPLICATIONS TO:
 Game Branch
 2221 W. Greenway Rd.

Phoenix, AZ 85023
mdisney@azgfd.gov

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES _____ NO X
There is currently no local HPC in Kingman

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?
No/No

NEED STATEMENT/PROBLEM ANALYSIS: Currently this water catchment is not functioning properly. The collection pipe is getting plugged with debris and the gabian collection is filled with silt. This catchment provides a water source for Bighorn sheep, muledeer, javelina, various birds and other wildlife. A few minor repairs should put this catchment at full working capacity and the maintenance should then be minimal to keep it functioning. This area is fairly dry and given the drought conditions it has been experiencing for the last few years, it is very important that a water source is provided to wildlife in the area. The Bill Williams River catchment will provide and has provided a much needed water source for Bighorn sheep, deer, javelina, bobcats, birds, etc.

PROJECT OBJECTIVES: The Department proposes to improve this existing water catchment to maintain the availability of water for Bighorn sheep and other wildlife at this location. The purpose of this project is to provide a dependable year-round water source for wildlife and reduce the number of annual water hauling and maintenance trips to this catchment location. It is also the Department's objective to reduce the effects of drought and thermal stress on game species and other wildlife by constructing, redeveloping and maintaining wildlife water developments.

PROJECT STRATEGIES:

- Replace 1 ¼ " plumbing with 3" Gruv-Lok plumbing
- Clean out behind gabian water collection
- Assess tanks to determine if there are leaks

PROJECT LOCATION: Bill Williams River water catchment
GPS coordinates: N. 34 degrees 23.583', W. 114 degrees 07.325'
Using NAD 27 CONUS

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name): BLM

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

HABITAT DESCRIPTION: This area mainly consists of Mojave desert scrub habitat. This habitat consists of a vast and diverse expanse of shrubs, Joshua trees and cactus on desert uplands. The vegetation is dominated by Creosote Bush, White Bursage and mixed with shrubs such as Nevada Jointfir, Fremont's Dalea, salt bush, Brittlebush, Spiny Menodora, White Burrobush, Box Thorn, Spiny Hopsage, Littleleaf Ratany, Mormon Tea and Rabbitbrush. A number of yucca and yucca-like species can be found in this habitat, including Joshua trees, Mojave Yucca, Banana Yucca and Soaptree Yucca. Agave can be found in the rocky areas. Several types of cactus are common here, including Cholla, Pricklypear, Hedgehog Cactus, and occasionally Pincushion and Cottontop Cactus.

ITEMIZED USE OF FUNDS:

- 3" Gruv-Lok plumbing- \$4,000
- 1" square tube (support steel)- \$260
- Concrete- \$300
- Misc. materials- \$500
- Helicopter- \$15,000

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION: The AZ Desert Bighorn Sheep Society would provide special big game funds for this project. AZ Game and Fish would provide labor for the repair of this catchment. The ADBSS could provide volunteers for labor as well. BLM is doing the NEPA documentation and the EA checklist.

PROJECT MONITORING PLAN: The development branch will be responsible for ensuring that the catchment is in working order after the completion of the project. The wildlife manager for GMU 16A will be responsible for monitoring the catchment to ensure that it is retaining water and does not go dry.

PROJECT MAINTENANCE: If needed, the development branch at AZ Game and Fish would provide maintenance for this water catchment.

PROJECT COMPLETION REPORT TO BE FILED BY:

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):

ARIZONA GAME AND FISH DEPARTMENT **WATER DEVELOPMENT WORKSHEET**

PROJECT NAME: Bill Williams River Catchment Rehab

- 1) Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?" Yes
- 2) Please list the Development Branch personnel and date coordinated with for this project.
Joe Currie, ADBSS, BLM and Lainie Antolik Coordinated on 5/18/09
- 3) What is the estimated annual inches of precipitation for the area? (mark one)
 2-4 4-6 X 6-8 8-10 10-12 12-14 14-16 >16
- 4) Is there a perennial water source available to big game within four miles of this project?
 YES (please complete #5 below) X NO (skip #5 below)
- 5) For the accessible, perennial water source nearest this project:
Name of water source:
Type of water source (catchment, spring, dirt tank, etc.):
Ownership of water source:
Distance in miles from project:
- 6) Is the target wildlife species a result of transplant efforts? X YES NO
- 7) Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.
None, this is all BLM land
- 8) Please provide the following information about access to the proposed site:
Type of access (mark one): 2x4 vehicles X 4x4 only X foot only**
If foot access only: Distance in miles: **0.25 miles to catchment from road
Approx. hiking time: **20-30 minutes**

-- Does access to this site require crossing private or tribal lands? YES X NO

-- Please describe any restrictions to public access: **None**
- 9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.
Refer to itemized use of funds list
- 10) Was a site visit completed? X Yes No

If Yes, please list personnel that attended and date. **Joe Currie, ADBSS, BLM and Lainie Antolik on 5/18/09**